

# Christian Zuppinger

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,352  
citations

279798

23  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3305  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into doxorubicin-induced cardiotoxicity: The critical role of cellular energetics. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 389-405.	1.9	298
2	Modulation of Anthracycline-Induced Myofibrillar Disarray in Rat Ventricular Myocytes by Neuregulin-1 <sup>β</sup> and Anti-erbB2. <i>Circulation</i> , 2002, 105, 1551-1554.	1.6	278
3	Anthracyclines Induce Calpain-dependent Titin Proteolysis and Necrosis in Cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 8290-8299.	3.4	241
4	Alterations at the Intercalated Disk Associated with the Absence of Muscle Lim Protein. <i>Journal of Cell Biology</i> , 2001, 153, 763-772.	5.2	167
5	Neuregulin-1 beta attenuates doxorubicin-induced alterations of excitation-contraction coupling and reduces oxidative stress in adult rat cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 845-854.	1.9	163
6	Development and Characterization of a Scaffold-Free 3D Spheroid Model of Induced Pluripotent Stem Cell-Derived Human Cardiomyocytes. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 852-861.	2.1	153
7	3D Cardiac Cell Culture: A Critical Review of Current Technologies and Applications. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 87.	2.4	128
8	3D Co-culture of hiPSC-Derived Cardiomyocytes With Cardiac Fibroblasts Improves Tissue-Like Features of Cardiac Spheroids. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 14.	3.5	110
9	Pathophysiology and diagnosis of cancer drug induced cardiomyopathy. <i>Cardiovascular Toxicology</i> , 2007, 7, 61-66.	2.7	89
10	Multiply Attenuated, Self-Inactivating Lentiviral Vectors Efficiently Deliver and Express Genes for Extended Periods of Time in Adult Rat Cardiomyocytes In Vivo. <i>Circulation</i> , 2003, 107, 2375-2382.	1.6	82
11	3D culture for cardiac cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1873-1881.	4.1	70
12	Effects of doxorubicin cancer therapy on autophagy and the ubiquitin-proteasome system in long-term cultured adult rat cardiomyocytes. <i>Cell and Tissue Research</i> , 2012, 350, 361-372.	2.9	68
13	Inhibition of ErbB2/neuregulin signaling augments paclitaxel-induced cardiotoxicity in adult ventricular myocytes. <i>Experimental Cell Research</i> , 2007, 313, 1588-1601.	2.6	66
14	Inhibition of ErbB2 by receptor tyrosine kinase inhibitors causes myofibrillar structural damage without cell death in adult rat cardiomyocytes. <i>Experimental Cell Research</i> , 2009, 315, 1302-1312.	2.6	58
15	N-Cadherin: structure, function and importance in the formation of new intercalated disc-like cell contacts in cardiomyocytes. <i>Heart Failure Reviews</i> , 2000, 5, 251-257.	3.9	46
16	IGF-I and bFGF Differentially Influence Atrial Natriuretic Factor and $\alpha$ -smooth Muscle Actin Expression in Cultured Atrial Compared to Ventricular Adult Rat Cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 1997, 29, 2027-2039.	1.9	40
17	Expressional reprogramming of survival pathways in rat cardiocytes by neuregulin-1 <sup>β</sup> . <i>Journal of Applied Physiology</i> , 2005, 99, 313-322.	2.5	38
18	Dynamics of Early Contact Formation in Cultured Adult Rat Cardiomyocytes Studied by N-cadherin Fused to Green Fluorescent Protein. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 539-555.	1.9	36

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19	Cancer therapy modulates VEGF signaling and viability in adult rat cardiac microvascular endothelial cells and cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 1164-1175.	1.9	35
20	Cancer Therapy-Associated Cardiotoxicity and Signaling in the Myocardium. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 141-146.	1.9	31
21	Characterization of cytoskeleton features and maturation status of cultured human iPSC-derived cardiomyocytes. <i>European Journal of Histochemistry</i> , 2017, 61, 2763.	1.5	30
22	<i>In vitro</i> reestablishment of cell-cell contacts in adult rat cardiomyocytes. Functional role of transmembrane components in the formation of new intercalated disk-like cell contacts. <i>FASEB Journal</i> , 1999, 13, S83-9.	0.5	25
23	The role of cell death and myofibrillar damage in contractile dysfunction of long-term cultured adult cardiomyocytes exposed to doxorubicin. <i>Cytotechnology</i> , 2009, 61, 25-36.	1.6	25
24	All-Trans-Retinoic Acid Prevents Carfilzomib-Induced Cardiotoxicity By Decreasing Activation of the Renin-Angiotensin System. <i>Blood</i> , 2020, 136, 19-20.	1.4	19
25	Biosynthesis and expression of VE-cadherin is regulated by the PI3K/mTOR signaling pathway. <i>Molecular Immunology</i> , 2009, 46, 866-872.	2.2	16
26	Activated Cardiac Fibroblasts Control Contraction of Human Fibrotic Cardiac Microtissues by a $\beta_2$ -Adrenoreceptor-Dependent Mechanism. <i>Cells</i> , 2020, 9, 1270.	4.1	9
27	Edge-Detection for Contractility Measurements with Cardiac Spheroids. <i>Methods in Pharmacology and Toxicology</i> , 2017, , 211-227.	0.2	7
28	Role of Cardiac AMP-Activated Protein Kinase in a Non-pathological Setting: Evidence From Cardiomyocyte-Specific, Inducible AMP-Activated Protein Kinase $\beta_1$ -Knockout Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 731015.	3.7	7
29	Measurement of Contractility and Calcium Release in Cardiac Spheroids. <i>Methods in Molecular Biology</i> , 2019, 1929, 41-52.	0.9	6
30	Cell shape, motility and distribution of F-actin in amoebae of the mycetozoans <i>Protostelium mycophaga</i> and <i>Acrasis rosea</i> . A comparison with <i>Dictyostelium discoideum</i> . <i>European Journal of Protistology</i> , 1997, 33, 396-408.	1.5	3
31	Carfilzomib Induces Cardiotoxicity Via $\beta_5/\beta_2$ -Specific Proteasome Subunit Inhibition Pattern. <i>Blood</i> , 2019, 134, 3110-3110.	1.4	3
32	Supplementing Soy-Based Diet with Creatine in Rats: Implications for Cardiac Cell Signaling and Response to Doxorubicin. <i>Nutrients</i> , 2022, 14, 583.	4.1	2
33	Friday, 16 July 2010. <i>Cardiovascular Research</i> , 2010, 87, S43-S44.	3.8	1
34	Development of a 3D-microtissue model for testing cardiotoxicity based on human-induced pluripotent stem cells. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, e26.	0.7	0
35	Cardiomyocyte-specific AMPK double-KO impairs mitochondrial function and performance at high workload. <i>Biophysical Journal</i> , 2022, 121, 508a-509a.	0.5	0